

Test overview noise insulation Regel-air® window vents in PVC windows (compression gasket)

Summary of the test results for noise insulation
(Tests by the Institute für Fenstertechnik – ift Rosenheim)

Noise insulation values R_w of windows with and without Regel-air® (PVC window compression gasket)									
	Rebate vent modules at the top	Rebate vent modules on left side	Rebate vent modules on right side	open overlap vents (bottom)	Test run	Pane (manufacturer specifications)	Length of SFGs (right + left on side)	Windows without Regel-air®	Windows with Regel-air®
1 pair FFL (= 2 modules) + 1 OV (open)	2	0	0	1	Z4	36 dB	per 150 mm	39 dB	37 dB
					Z16	45 dB	per 150 mm	43 dB	40 dB
	1	1	0	1	Z24	45 dB	per 150 mm	43 dB	40 dB
1.5 pairs FFL (= 3 modules) + 1 OV (open)	2	1	0	1	Z6	36 dB	per 150 mm	39 dB	37 dB
					Z37	47 dB	per 150 mm	44 dB	40 dB
	1	1	1	1	Z12	36 dB	per 150 mm	39 dB	37 dB
					Z31	45 dB	per 150 mm	43 dB	39 dB
					Z33	47 dB	per 150 mm	44 dB	40 dB
2 pairs FFL (= 4 modules) + 1 OV (open)	2	1	1	1	Z13	36 dB	per 300 mm	39 dB	35 dB

Values may differ slightly depending on profile and window.